F I G . 1

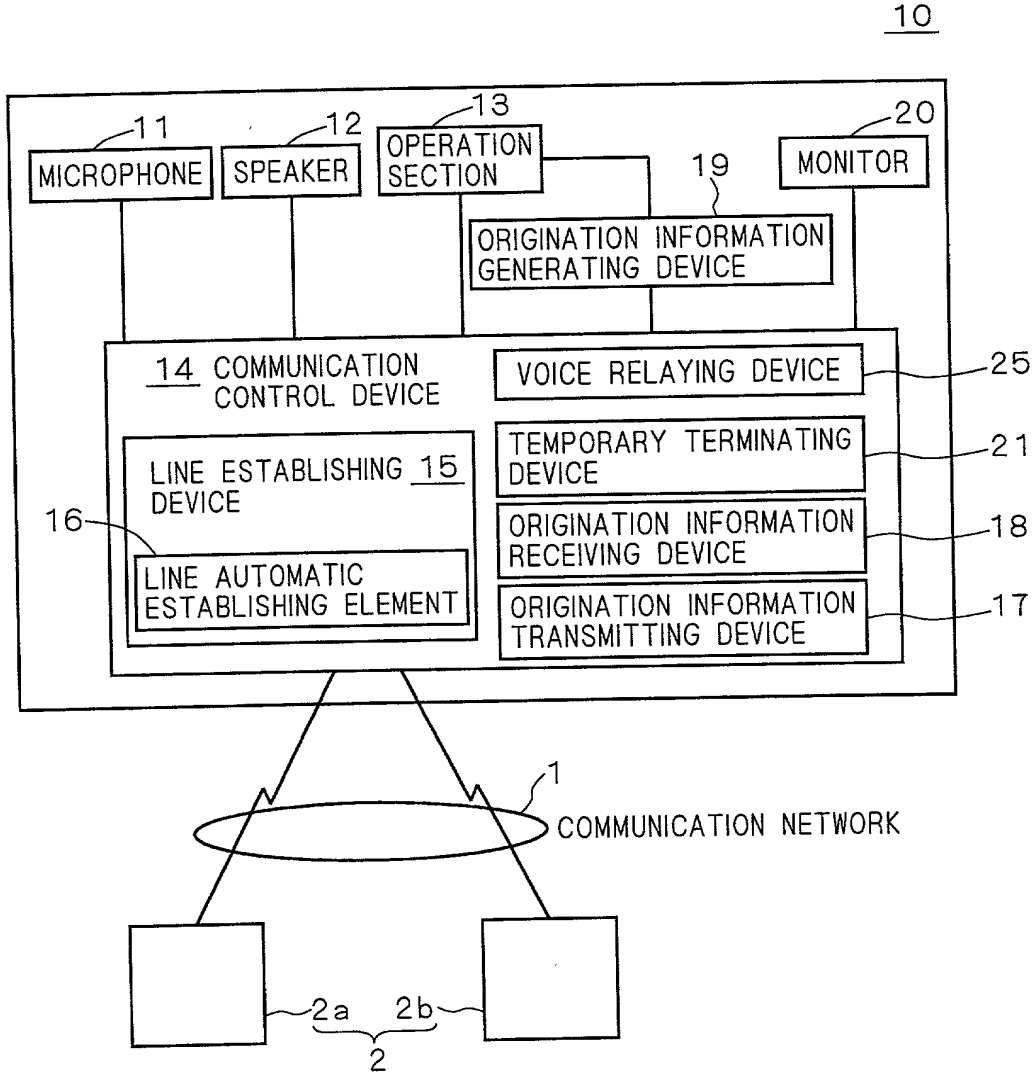

10
11
MICROPHONE
12
SPEAKER
13
OPERATION SECTION
19
ORIGINATION INFORMATION GENERATING DEVICE
20
MONITOR
14 COMMUNICATION CONTROL DEVICE
VOICE RELAYING DEVICE
25
TEMPORARY TERMINATING DEVICE
21
LINE ESTABLISHING DEVICE 15
16
LINE AUTOMATIC ESTABLISHING ELEMENT
ORIGINATION INFORMATION RECEIVING DEVICE
18
ORIGINATION INFORMATION TRANSMITTING DEVICE
17
1
COMMUNICATION NETWORK
2a
2b
2

FIG. 2

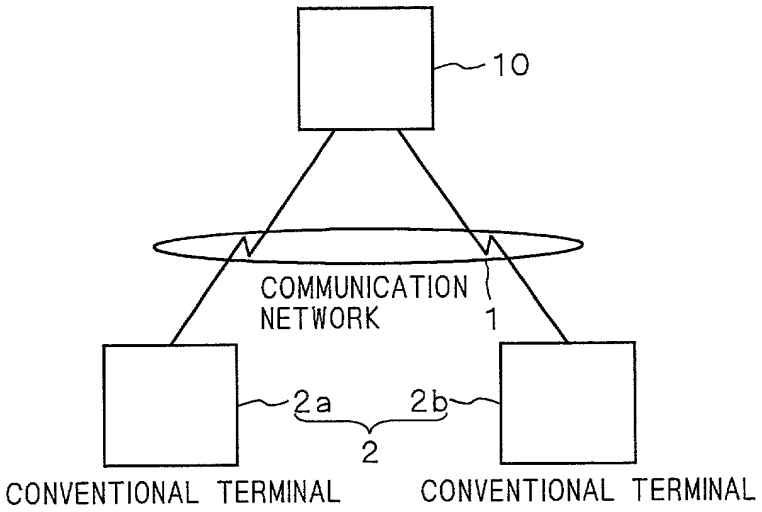

10
COMMUNICATION NETWORK
1
2a
2b
2
CONVENTIONAL TERMINAL
CONVENTIONAL TERMINAL

FIG. 3

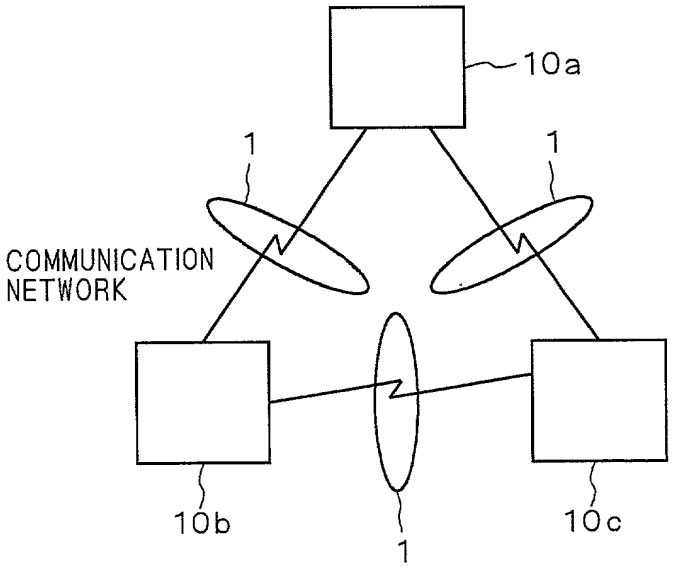

10a
1
1
COMMUNICATION NETWORK
10b
1
10c

FIG. 4

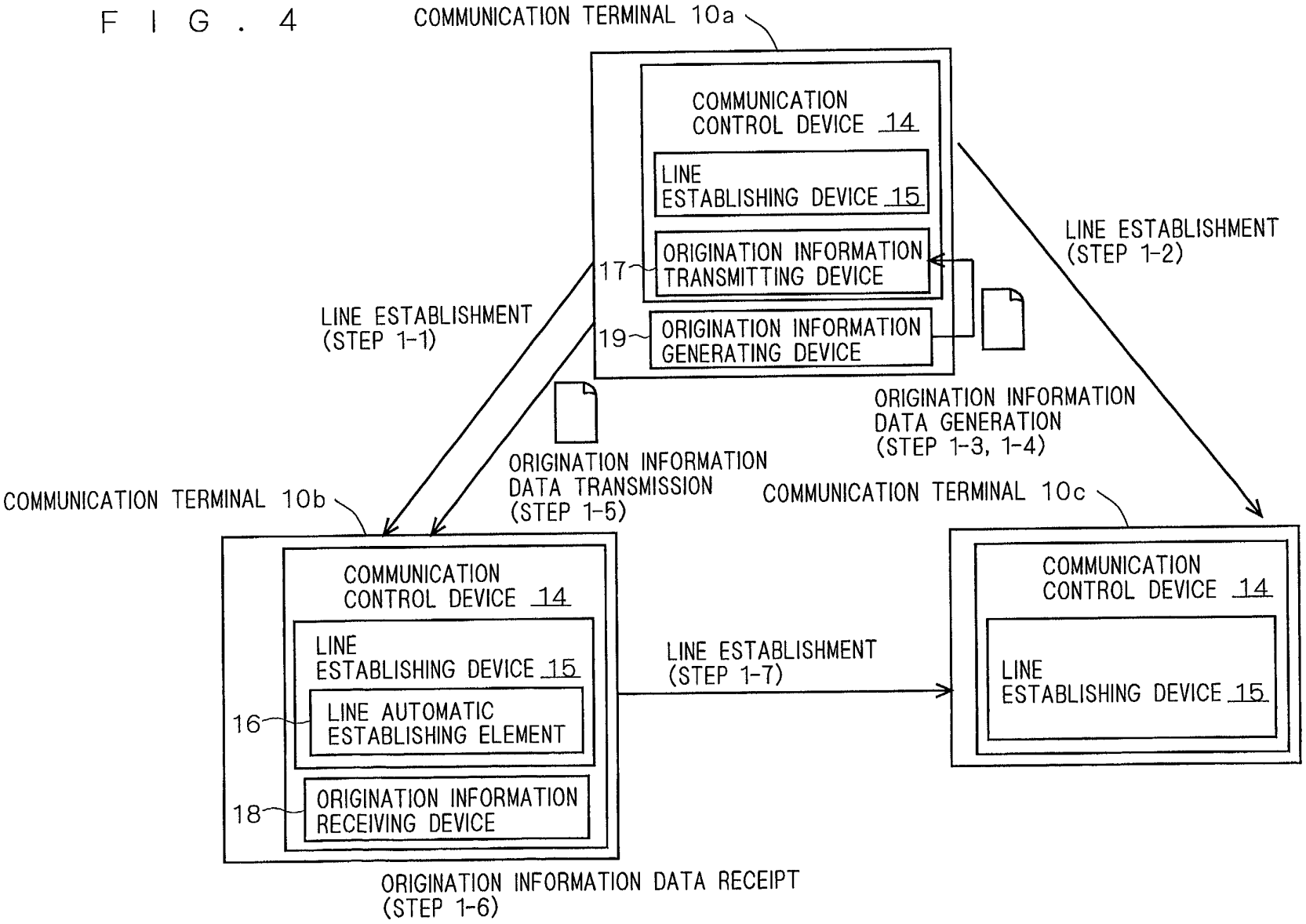

COMMUNICATION TERMINAL 10a
COMMUNICATION CONTROL DEVICE 14
LINE ESTABLISHING DEVICE 15
ORIGINATION INFORMATION TRANSMITTING DEVICE
17
ORIGINATION INFORMATION GENERATING DEVICE
19
LINE ESTABLISHMENT (STEP 1-1)
LINE ESTABLISHMENT (STEP 1-2)
ORIGINATION INFORMATION DATA GENERATION (STEP 1-3, 1-4)
ORIGINATION INFORMATION DATA TRANSMISSION (STEP 1-5)
COMMUNICATION TERMINAL 10b
COMMUNICATION TERMINAL 10c
COMMUNICATION CONTROL DEVICE 14
LINE ESTABLISHING DEVICE 15
LINE AUTOMATIC ESTABLISHING ELEMENT
16
ORIGINATION INFORMATION RECEIVING DEVICE
18
LINE ESTABLISHMENT (STEP 1-7)
COMMUNICATION CONTROL DEVICE 14
LINE ESTABLISHING DEVICE 15
ORIGINATION INFORMATION DATA RECEIPT (STEP 1-6)

FIG. 5

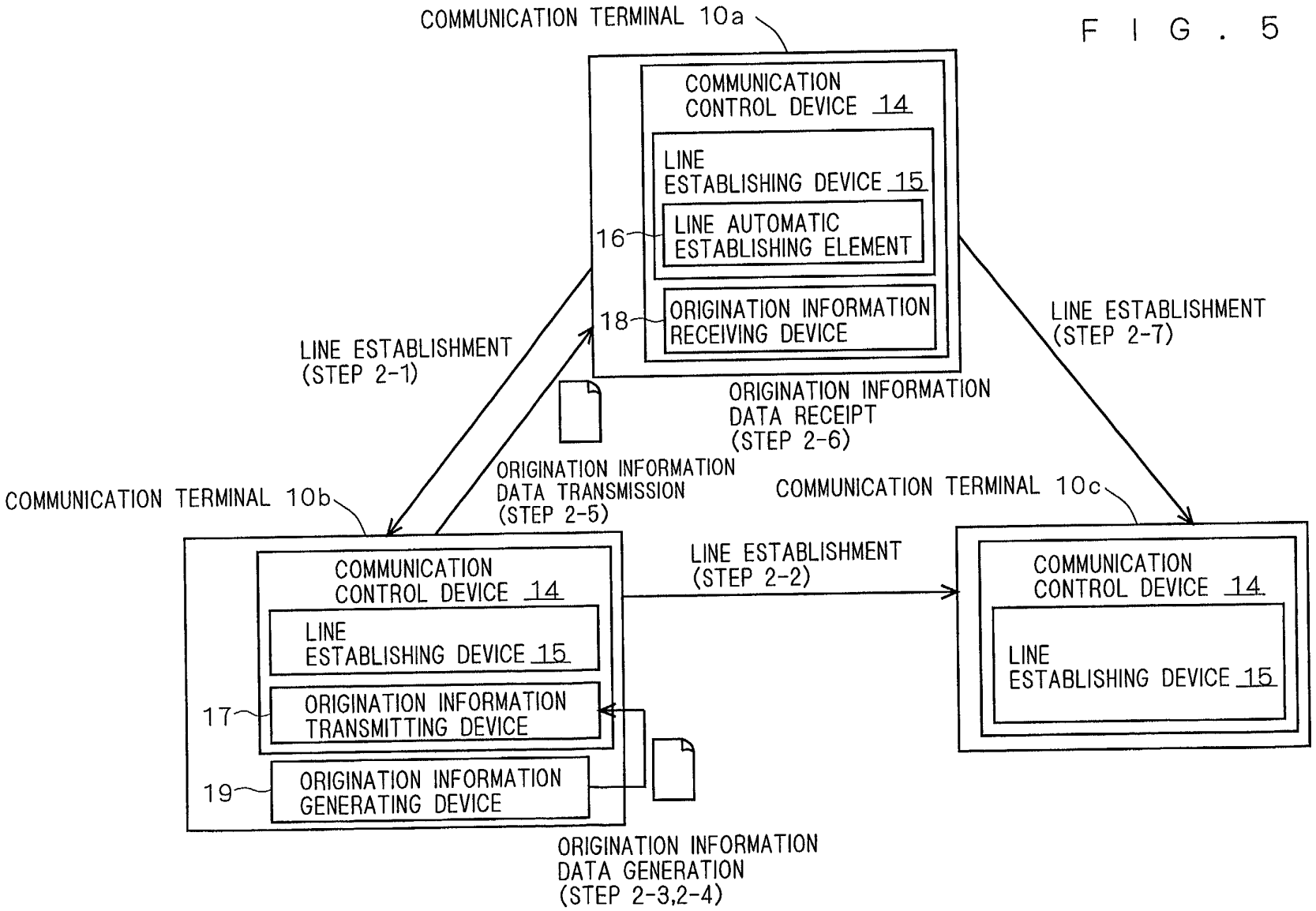
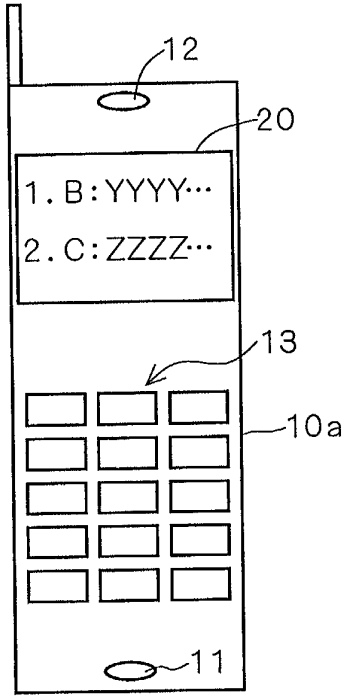
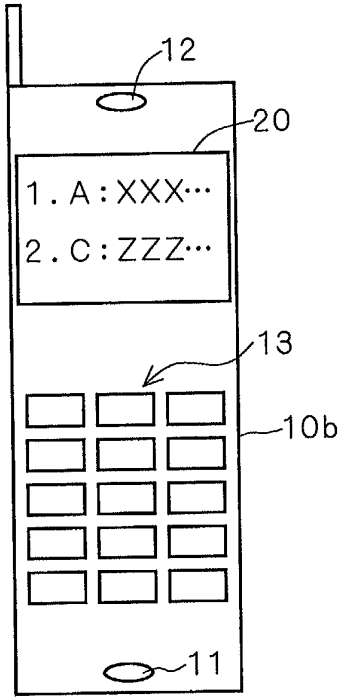

COMMUNICATION TERMINAL 10a
COMMUNICATION CONTROL DEVICE 14
LINE ESTABLISHING DEVICE 15
16
LINE AUTOMATIC ESTABLISHING ELEMENT
18
ORIGINATION INFORMATION RECEIVING DEVICE
LINE ESTABLISHMENT (STEP 2-1)
LINE ESTABLISHMENT (STEP 2-7)
ORIGINATION INFORMATION DATA RECEIPT (STEP 2-6)
ORIGINATION INFORMATION DATA TRANSMISSION (STEP 2-5)
COMMUNICATION TERMINAL 10b
COMMUNICATION TERMINAL 10c
LINE ESTABLISHMENT (STEP 2-2)
COMMUNICATION CONTROL DEVICE 14
LINE ESTABLISHING DEVICE 15
17
ORIGINATION INFORMATION TRANSMITTING DEVICE
19
ORIGINATION INFORMATION GENERATING DEVICE
COMMUNICATION CONTROL DEVICE 14
LINE ESTABLISHING DEVICE 15
ORIGINATION INFORMATION DATA GENERATION (STEP 2-3,2-4)

FIG. 6A



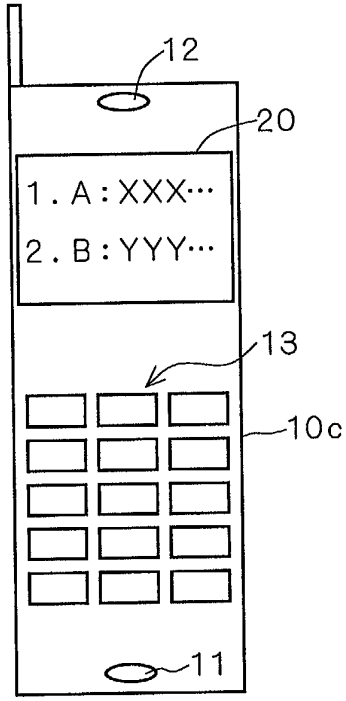
COMMUNICATION TERMINAL 10a

FIG. 6B



COMMUNICATION TERMINAL 10b

FIG. 6C



COMMUNICATION TERMINAL 10c

FIG. 7A

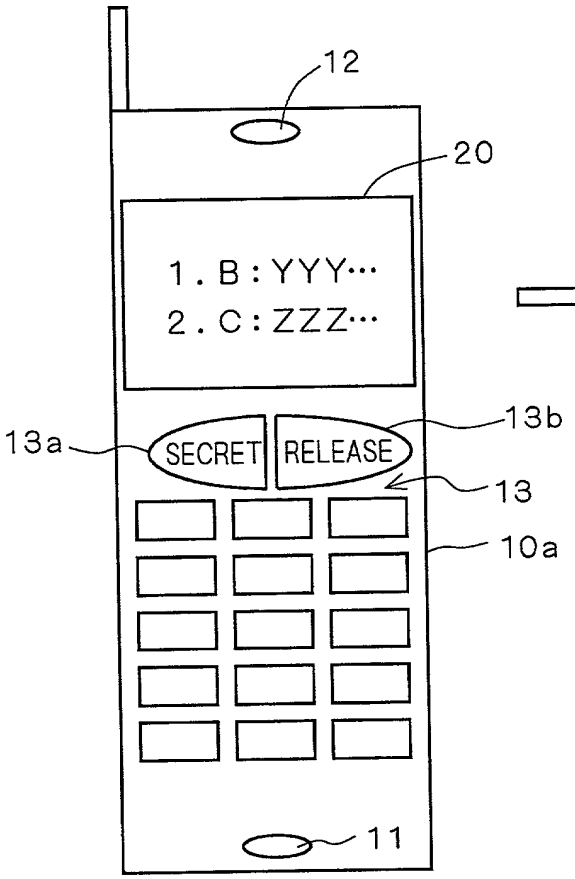


FIG. 7B

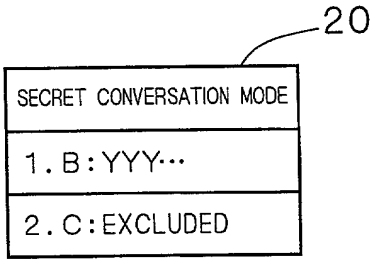


FIG. 8

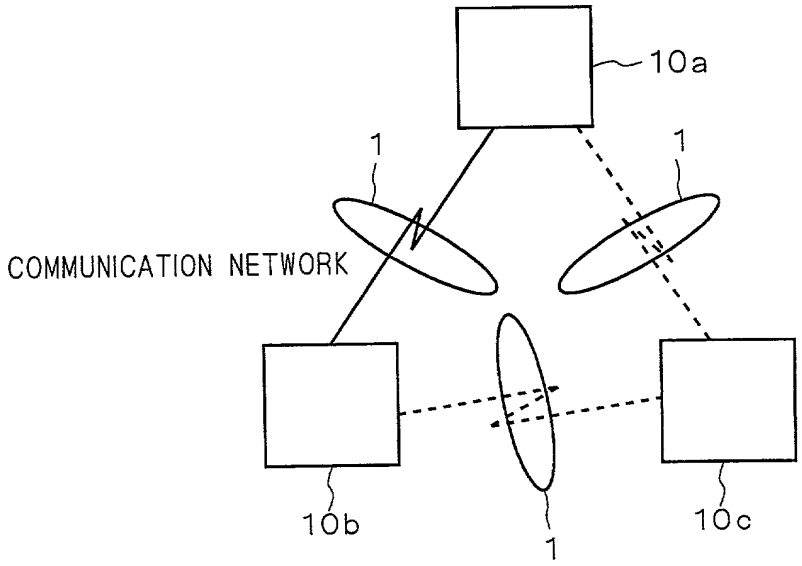


FIG. 9

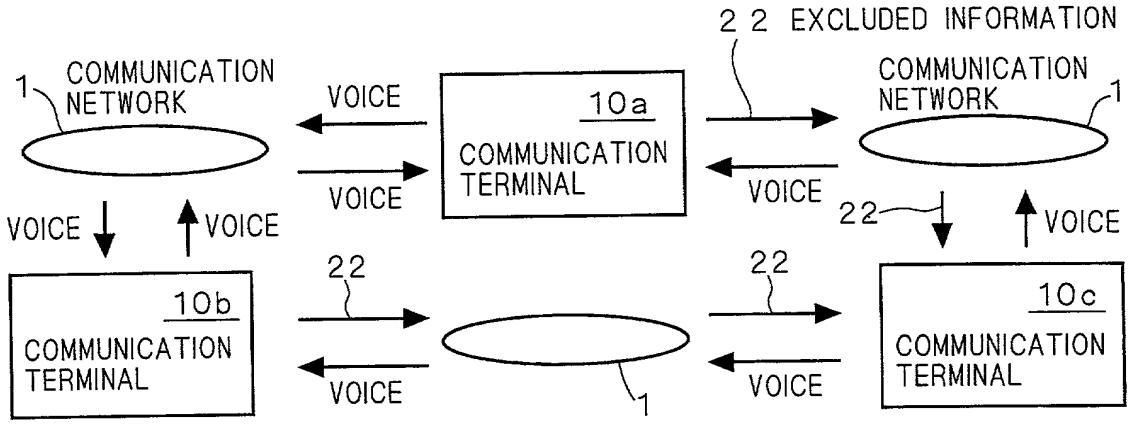

22 EXCLUDED INFORMATION
1
COMMUNICATION NETWORK
VOICE
VOICE
10a
COMMUNICATION TERMINAL
COMMUNICATION NETWORK
1
VOICE
22
VOICE
VOICE
VOICE
22
22
10b
COMMUNICATION TERMINAL
VOICE
1
VOICE
10c
COMMUNICATION TERMINAL

FIG. 10

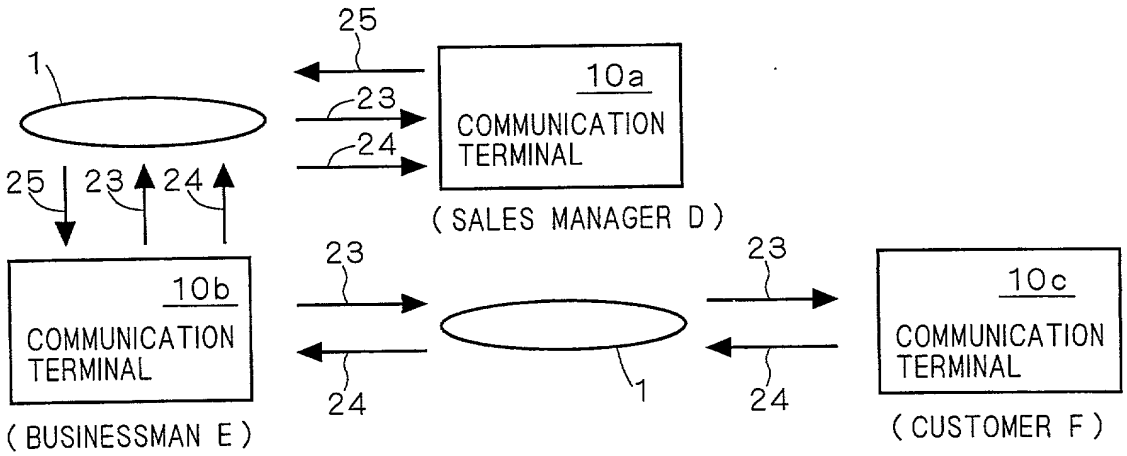
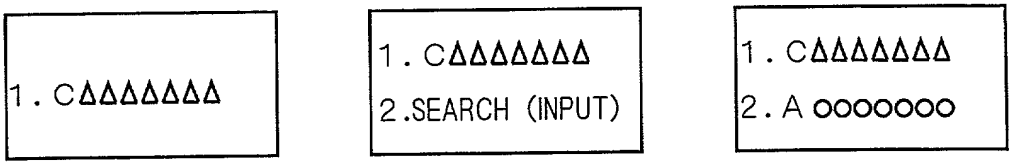
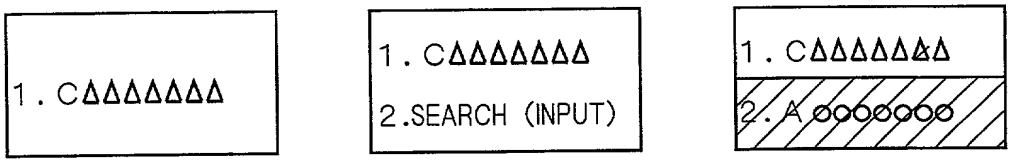

25
1
23
24
10a
COMMUNICATION TERMINAL
(SALES MANAGER D)
25
23
24
23
23
10b
COMMUNICATION TERMINAL
1
10c
COMMUNICATION TERMINAL
24
24
(BUSINESSMAN E)
(CUSTOMER F)

FIG. 11A FIG. 11B FIG. 11C



B — C DURING CONVERSATION
"Let A join this conversation"

FIG. 12A FIG. 12B FIG. 12C



B — C DURING CONVERSATION
(I would like to hear A's opinion.)

AUTOMATIC MESSAGE GIVEN TO A
"I'm talking with C(Δ Δ Δ Δ…)
by telephone.
Please give me your advice"

F I G . 1 3

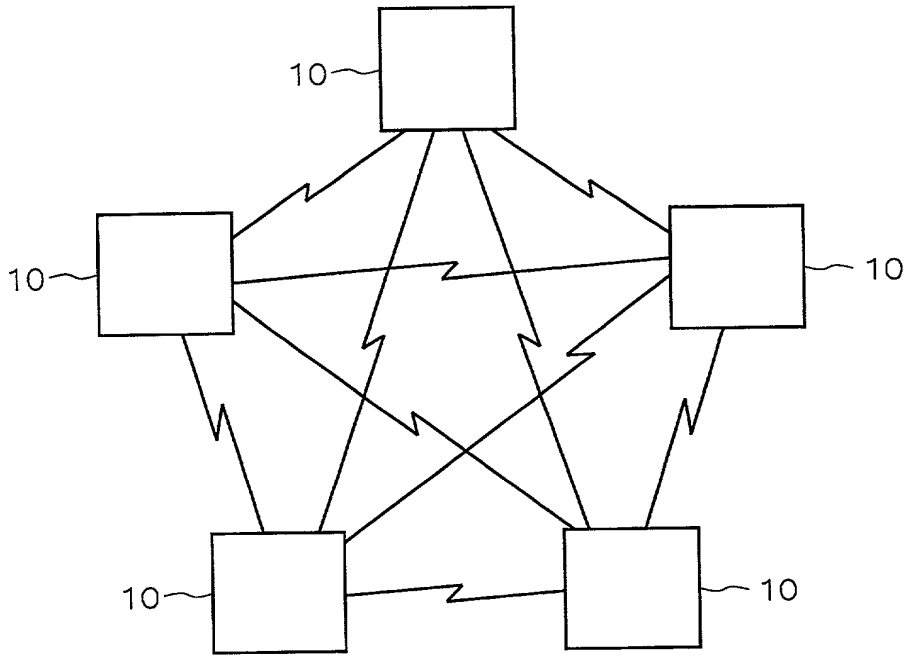


FIG. 14

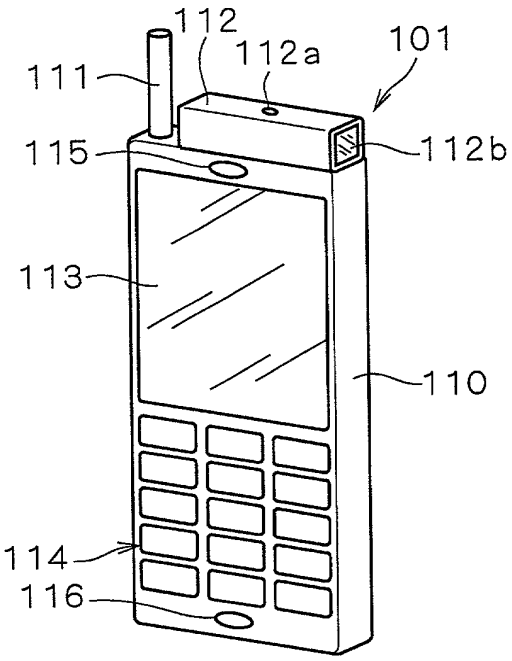

112
112a
101
111
115
112b
113
110
114
116

FIG. 15

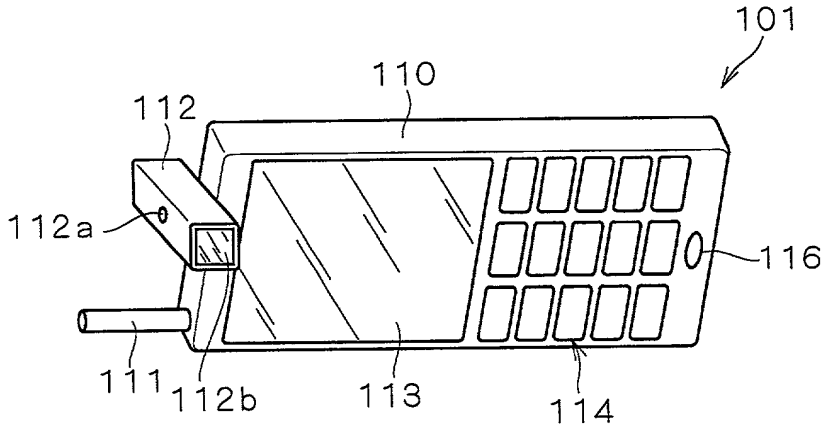

101
110
112
112a
116
111
112b
113
114

FIG. 16

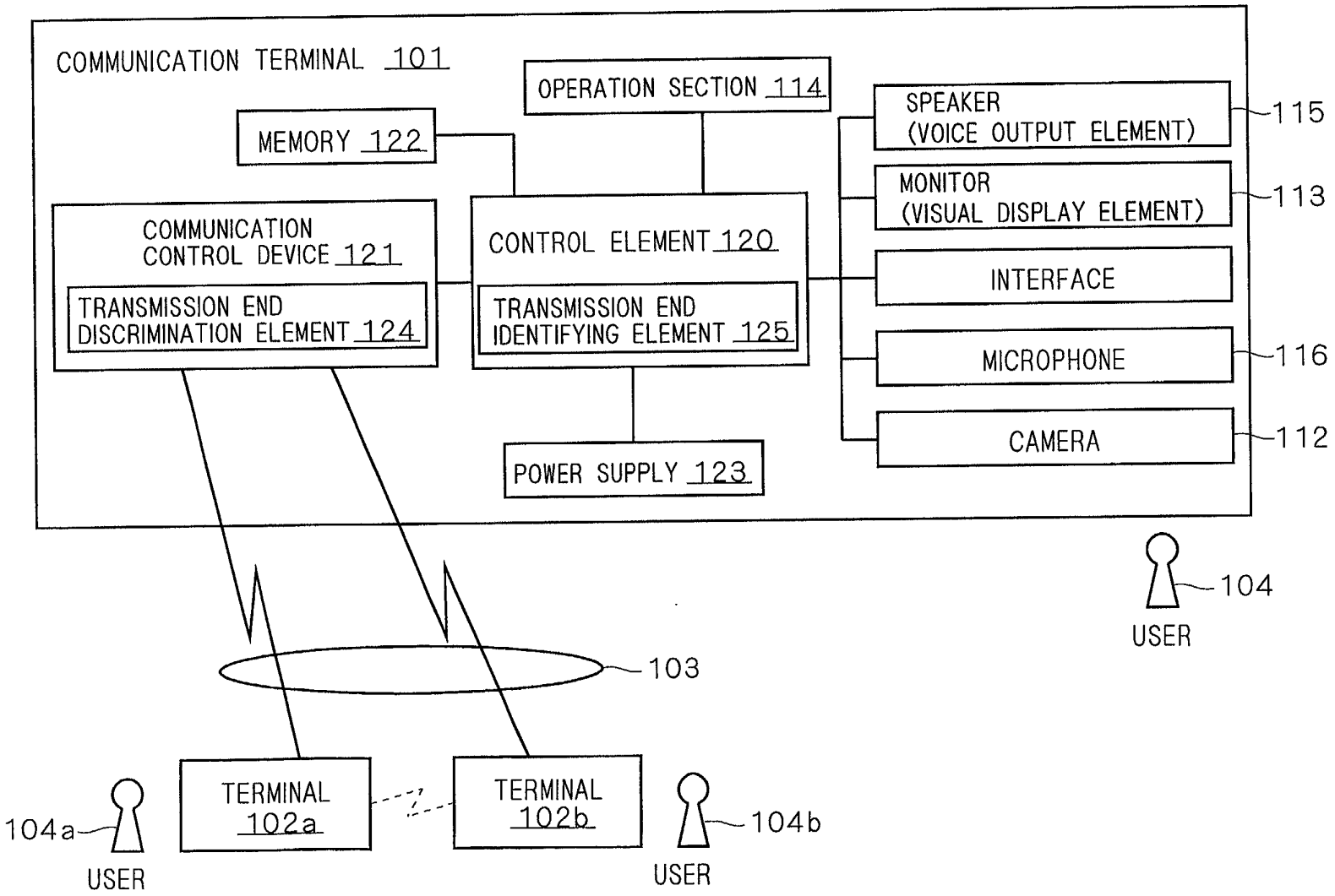
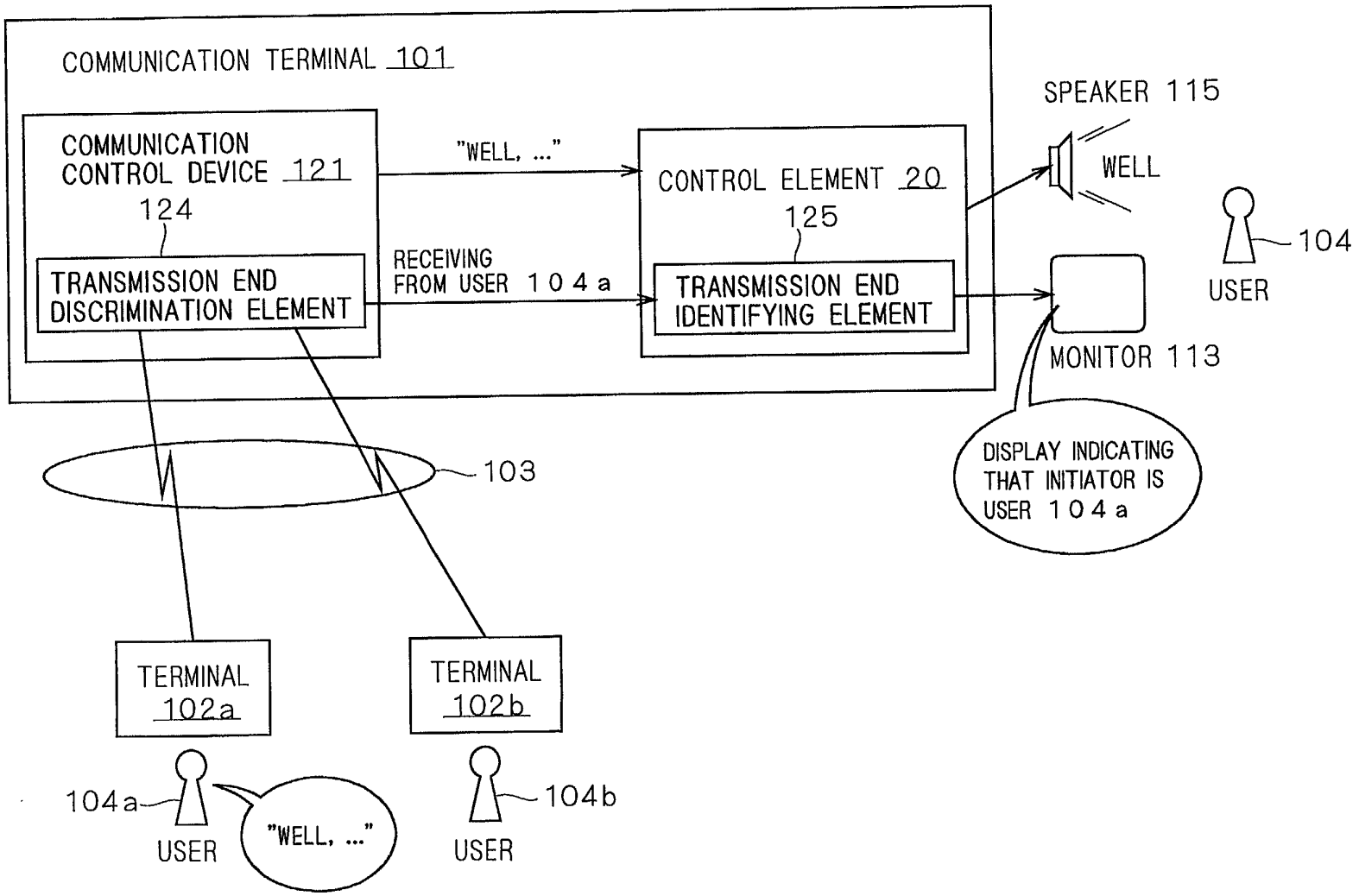
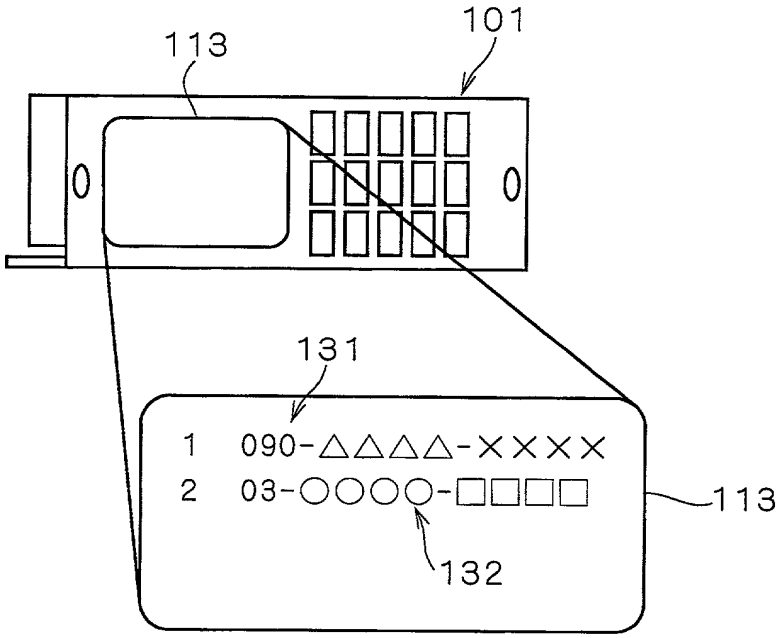

COMMUNICATION TERMINAL 101
OPERATION SECTION 114
MEMORY 122
SPEAKER (VOICE OUTPUT ELEMENT)
115
MONITOR (VISUAL DISPLAY ELEMENT)
113
COMMUNICATION CONTROL DEVICE 121
CONTROL ELEMENT 120
INTERFACE
TRANSMISSION END DISCRIMINATION ELEMENT 124
TRANSMISSION END IDENTIFYING ELEMENT 125
MICROPHONE
116
CAMERA
112
POWER SUPPLY 123
104
USER
103
TERMINAL 102a
TERMINAL 102b
104a
USER
104b
USER

FIG. 17


COMMUNICATION TERMINAL 101
COMMUNICATION CONTROL DEVICE 121
124
TRANSMISSION END DISCRIMINATION ELEMENT
"WELL, ..."
RECEIVING FROM USER 104a
CONTROL ELEMENT 20
125
TRANSMISSION END IDENTIFYING ELEMENT
SPEAKER 115
WELL
104
USER
MONITOR 113
DISPLAY INDICATING THAT INITIATOR IS USER 104a
103
TERMINAL 102a
TERMINAL 102b
104a
USER
"WELL, ..."
USER
104b

F I G . 1 8



F I G . 1 9

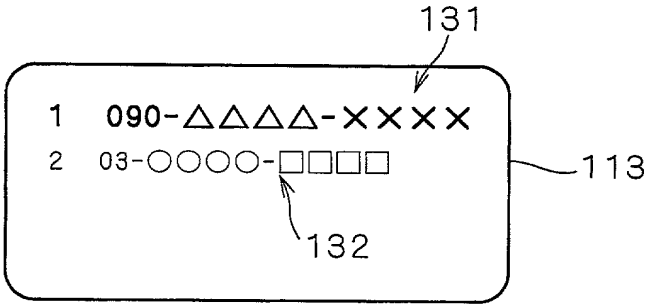


FIG. 20

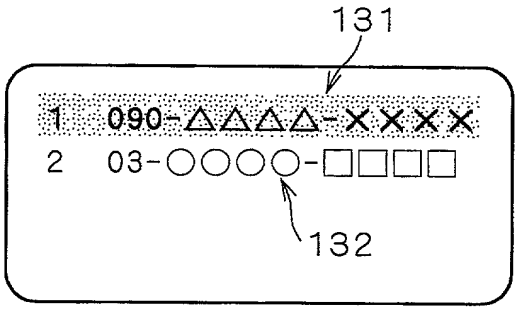


FIG. 21

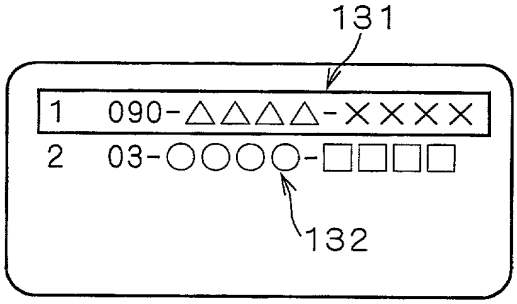


FIG. 22

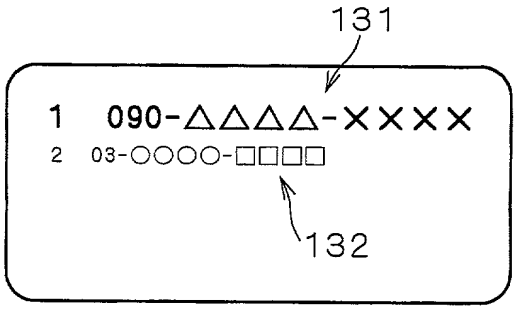


FIG. 23

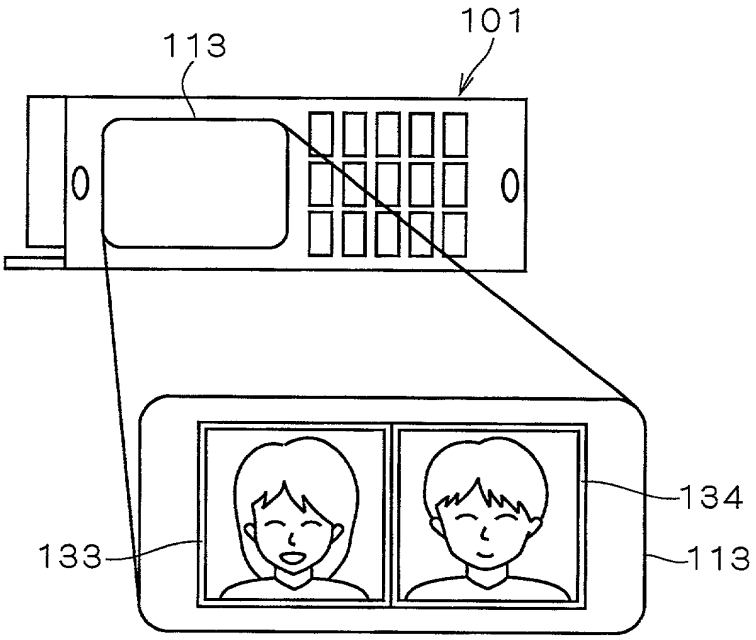


FIG. 24

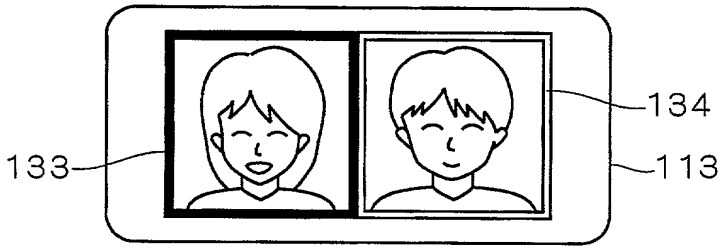


FIG. 25

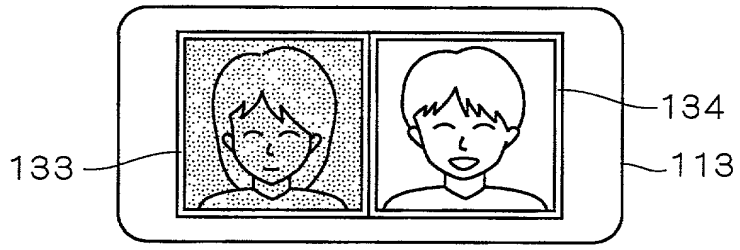


FIG. 26

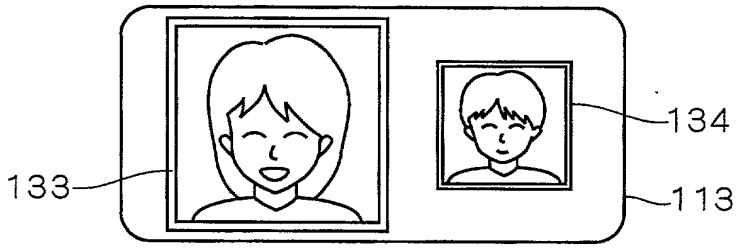


FIG. 27

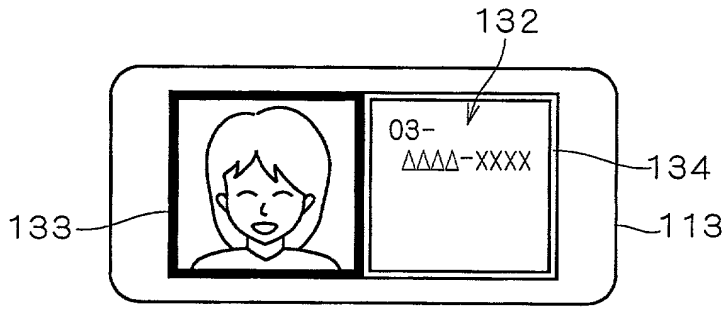


FIG. 28

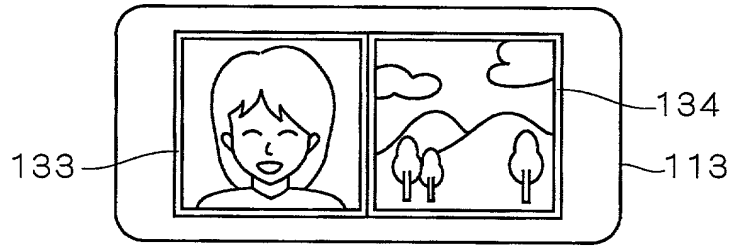


FIG. 29

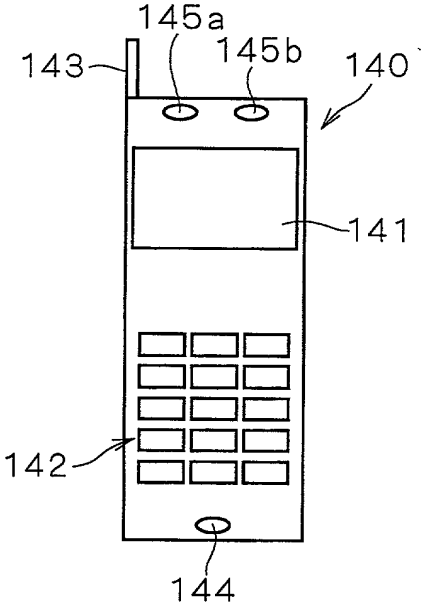
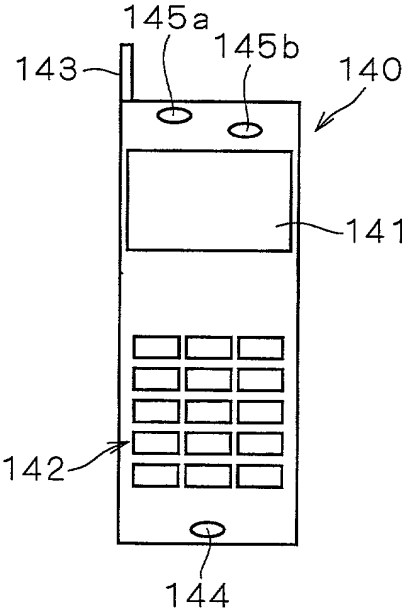


FIG. 30



F I G . 3 1

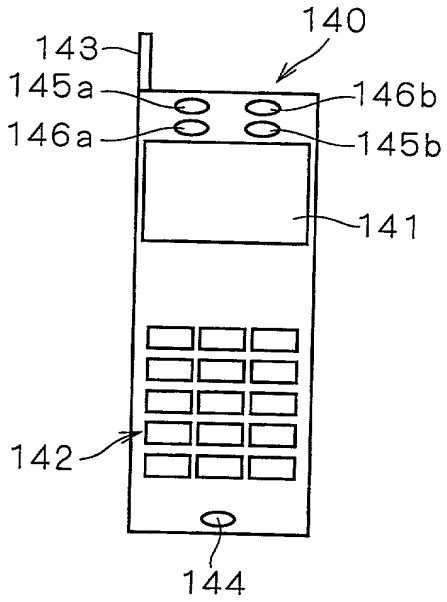


FIG. 32

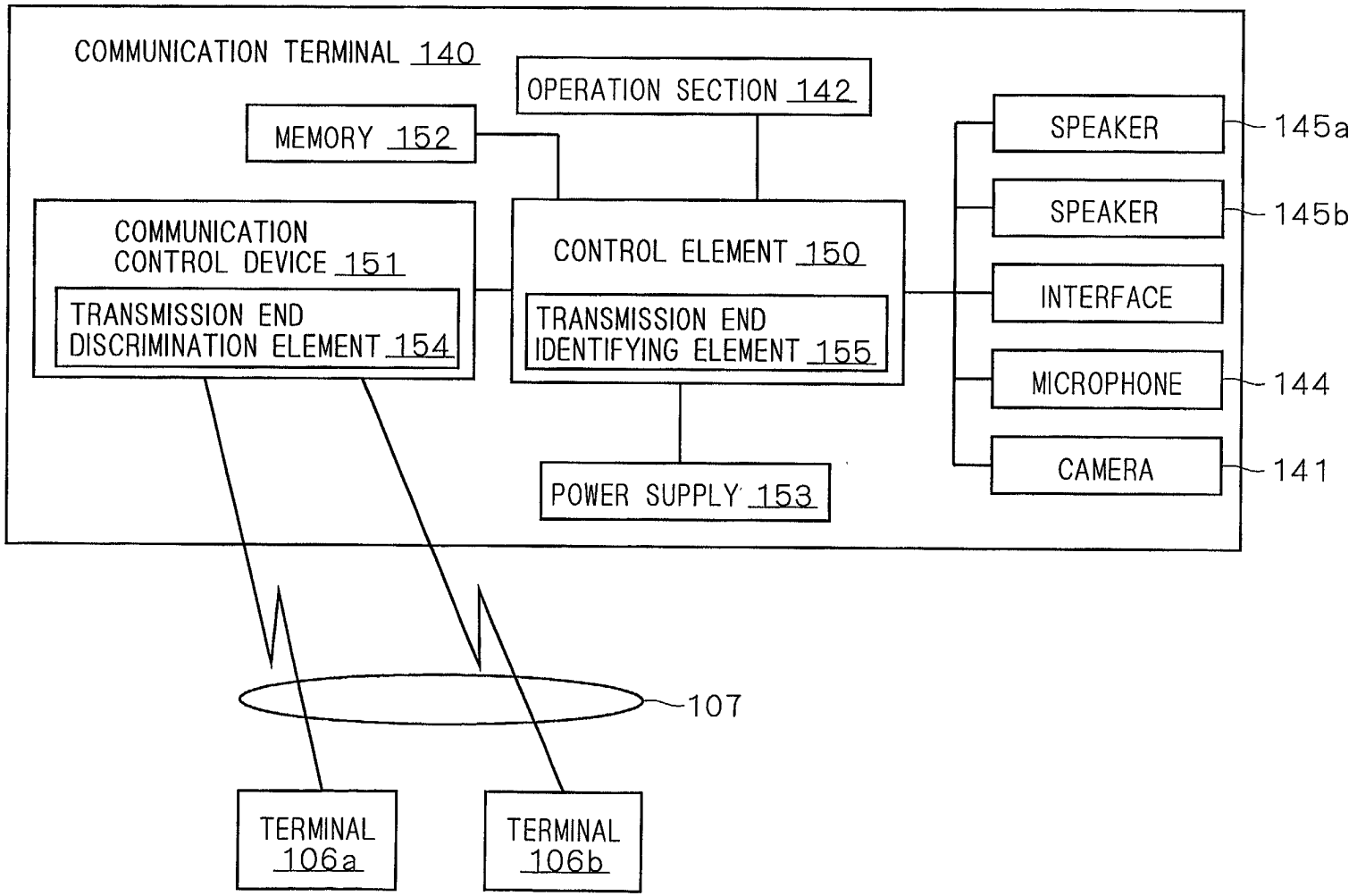
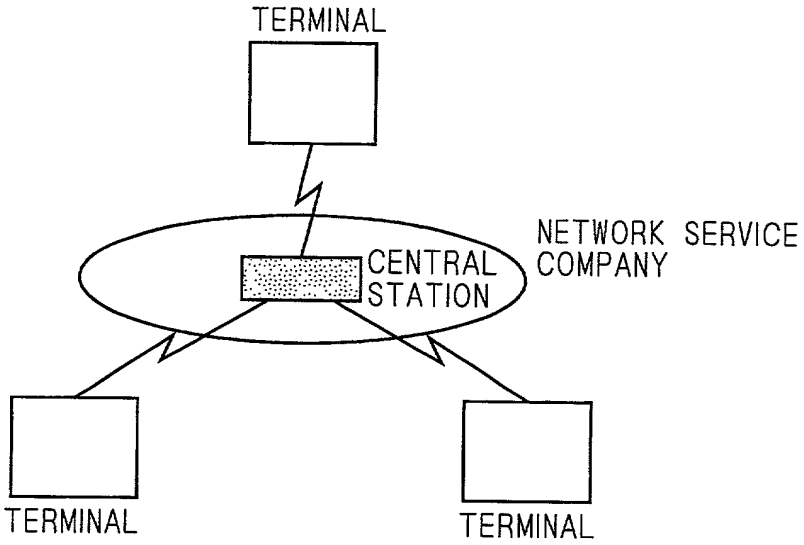

COMMUNICATION TERMINAL 140
OPERATION SECTION 142
MEMORY 152
SPEAKER
145a
SPEAKER
145b
COMMUNICATION CONTROL DEVICE 151
TRANSMISSION END DISCRIMINATION ELEMENT 154
CONTROL ELEMENT 150
TRANSMISSION END IDENTIFYING ELEMENT 155
INTERFACE
MICROPHONE
144
CAMERA
141
POWER SUPPLY 153
107
TERMINAL 106a
TERMINAL 106b

FIG. 33


TERMINAL
NETWORK SERVICE COMPANY
CENTRAL STATION
TERMINAL
TERMINAL